

SI No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
5.16	Providing and casting reinforced cement concrete racks with design mix M20, granite or trap jelly 12mm and down size 5 cms thick and below with reinforcements of 6mm dia MS bars at 15 cms. Centre to centre for main reinforcement and at 30cms centre to centre for distribution including supports wherever necessary with burnt brick in CM 1:8 and plastered with CM 1:4 or composite mortar 1:6 including centring, form work, curing etc., complete (inclusive of cost of steel and fabrication charges). (P W D BCSR 2014-15, P-18, I-4.53)	1	2.5	0.6		1.50	sqm	888.28	1,332
5.17	KSRB15-3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(PWD BCSR 2014-15, P-109 I-15.10)								
	internal	4	2.50		2.55	25.50			
	gable	2	0.87			1.74			
						27.24	sqm	155.82	4,245
5.18	KSRB15-3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. etc.,(P W D BCSR 2014-15, P-110 I-15.21)	1	5.90	3.80		22.42	sqm	183.38	4,111
5.19	Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 90 degree, for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lockrail of 160 mm, width top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such othjer defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 (P W D BCSR 2014-15, P-40, I-7.26)								
	door	1	1.00		2.10	2.10	sqm	3710	7,791

SI No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)	
5.20	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenoned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section anodized to 12 - 15 microns (P W D BCSR 2014-15, P-33,I-7.10.1)									
5.21	Providing vitrified tiles 60x60cms of approved make, shade and size for flooring, laid on a bed 12mm thick cement mortar 1:3 mix, flush pointing using white cement using color pigment, including cost of materials, labour, complete as per specifications (P W D BCSR 2014-15, P-104, I-14.45)	3	1.50		1.20	5.40	sqm	3879.6	20,950	
5.22	KSRB15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, as per specifications. etc., (P W D BCSR 2014-15, P-126 I-15.49.1)	1	2.70	2.70		7.29	sqm	1106.64	8,067	
5.23	KSRB 15-16.2 : Providing and finishing external walls in one coat with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (P W D BCSR 2014-15, P-114 I-15.54.1)	4	2.50		2.55	25.50	sqm	65.72	1,676	
5.24	pointing bricks gable brick colour will be use	4 2	2.9 0.87		2.6	30.16 1.74 31.90	sqm	32.86	1,048	
5.24	KSRB 15-1.3: Providing and ruled pointing to coursed stone masonry with CM 1:3, 20 mm deep, after raking joints to depth of 20 mm nicely lining, including cost of all materials, labour, curing complete as per specifications. (P W D BCSR 2014-15, P-109 I-15.3)									
	basement brickmasonry	4 4	2.90 2.90		0.80 2.60	9.28 30.16 39.44	sqm	91.16	3,595	

SI No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)	SI No.
5.25	KSRB 10-2 : Providing and laying in position yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS (P W D BCSR 2014-15 P-64 I-10.1)									5.3
	roof top	1	5.90	3.80		22.42 ✓	sqm	736.7 ✓	16,517 ✓	
5.26	Providing and laying plat form using prepolished, water cut / gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing. (P W D BCSR 2014-15, P-105 I-14.52)									
		1	2.50	0.60		1.50 ✓	sqm	3619.9 ✓	5,430 ✓	
ELECTRIFICATION										
5.28	Concealed Conduit System : Supplying 25mm dia 2mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement ods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary(PWD ESR - 2014-15, P-2, I-1.2.2)									
		1	15			15 ✓	mtr	57 ✓	855 ✓	
5.29	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm rick wood, after due groove cutting, necessary masonry patch work complete.(PWD ESR - 2014-15, P-3 I-1.6.3)									
	10"x7"x3" (254mmx178mmx76mm)	2				2 ✓	Each	87 ✓	174 ✓	
5.30	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using copper PVC insulated multi strand 2x1.5 sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existig plastic/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. (PWD BCESR 2014-15, P-5, I-2.3.1)									
		3				3 ✓	Point	144 ✓	432 ✓	
5.31	Supplying 6A flush/projected type socket and a 6 amps flush/projected type SP switch either surface /flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required a) 6Amps 2 way (PWD BCESR 2014-15, P-15, I-3.1.1)									
		1				1 ✓	Each	127 ✓	127 ✓	
5.32	Supplying and fixing of backlite D.P/Socket/switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches. d) 16 Amps Combined switch and socket with indication (PWD BCESR 2014-15, P-15, I-3.3.4)									
		1				1 ✓	Each	194 ✓	194 ✓	
5.33	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 'A' Group e) 4 Module (PWD BCESR 2014-15, P-16, I-3.6.2)									
		1				1 ✓	Each	122 ✓	122 ✓	

SI No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
5.34	Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.. 'A' Group materials a) 6Amps one way (PWD BCESR 2014-15, P-16, I-3.7.1)	1				1	Each	63	63
5.35	Miscellaneous & rounding off								348
Sub-Total Amount									275,000
(Rupees Two Lakhs SeventyFive Thousand only)									

Est. 6	RCC Catch drain and SSM drain covering slab								
SI No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
6.1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, watersupply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil; clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1 (a) / 2.3.5 (P W D BCSR 2014-15, P-5 I-2.3)								
	from APC layout to inlet-2	1	400	2	1.5	1200			
	from waste weir to inlet-2	1	250	2	1.5	750			
	near petrol bunk SSM drain	1	95	1.5	1.5	213.75			
	near Bus shelter SSM drain	1	95	1.5	1.5	213.75			
	near thindlu inlet	1	60	1.5	1.5	135			
						2512.50	cum	172.78	434,110
6.2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P W D BCSR 2014-15, P-12.I-4.3)								
	from APC layout to inlet-2	1	400	1.5	0.15	90			
	from waste weir to inlet-2	1	250	1.5	0.15	56.25			
	SSM drain	1	95	0.9	0.15	12.825			
	near petrol bunk SSM drain	1	95	1.5	0.15	21.375			
	near Bus shelter SSM drain	1	95	1.5	0.15	21.375			
	near thindlu inlet	1	60	1.5	0.15	13.5			
						215.33	cum	4757.28	1,024,361
6.3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P W D BCSR 2014-15, P-23, I-5.6)								
	SSM drain	1	95	0.9	0.6	51.3			
	near petrol bunk SSM drain	1	95	1.5	0.4	57			
	near Bus shelter SSM drain	1	95	1.5	0.4	57			
	near thindlu inlet	1	60	1.5	0.4	36			
						201.3	cum	3765.12	757,919
6.4	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P W D BCSR 2014-15, P-23, I-5.9)								
	SSM drain	1	95	0.5	0.9	42.8			

No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
	near petrol bunk SSM drain	1	95	1.225	0.9	104.7375			
	near Bus shelter SSM drain	1	95	1.225	0.9	104.7375			
	near thindlu inlet	1	60	1.225	0.9	66.15			
6.5	KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 (P W D BCSR 2014-15, P-23, I-5.13)					318.4	cum	4458.36	1,419,430
	near petrol bunk SSM drain	1	95	0.85	1.2	96.9			
	near Bus shelter SSM drain	1	95	0.85	1.2	96.9			
		1	95	0.6	3.0	171.0			
	near thindlu inlet	1	60	0.85	1.4	71.4			
						436.2	cum	5021.22	2,190,256
6.6	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P W D BCSR 2014-15, P-12, I-4.6)								
	SSM drain wearing coat	1	380	1.5	0.1	57.0			
	near petrol bunk SSM drain	1	95	0.6	0.1	5.7			
	near Bus shelter SSM drain	1	95	0.6	0.1	5.7			
	near thindlu inlet	1	60	0.6	0.1	3.6			
						72.0	cum	5228.98	376,487
6.7	KSRB 15.1.4 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:4 , 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P W D BCSR 2014-15, P-109, I-15.4)								
	SSM drain	2	380		1.5	1140			
	near petrol bunk SSM drain	1	95		2	190			
	near Bus shelter SSM drain	1	95		2	190			
		2	60		3.0	360			
	near thindlu inlet	1	60		2	120			
						2000	sqm	87.98	175,960

SI No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
6.8	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplasticiser @3lts conforming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (PWD BCSR 2014-15, P-13, I-4.11)								
	from APC layout to inlet-2 vertical wall	1	400	1.3	0.15	78			
	from waste weir to inlet-2 vertical wall	2	400	0.15	1.0	120			
	SSM drain cover slab	1	250	1.3	0.15	48.75			
	near Bus shelter SSM drain	2	250	0.15	1.0	75			
	RCC band	3	380	3.0	0.15	171			
		95	0.6	0.15		25.65			
						518.4	cum	5952.96	3,086,014
6.9	KSRB 4-9.2: Providing TMT bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and Paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P W D BCSR 2014-15, P-17, I-4.46.2)								
	Qty of steel for Item No.=					31.10	tonne	76900.88	2,391,925
6.10	KSRB 4-6.4 : Providing and removing centering , shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD BCSR 2014-15, P-15, I-4.31)								
	from APC layout to inlet-2	4	400	1.0		1600.00			
	from waste weir to inlet-2	4	250	1.0		1000.00			
						2600.00	sqm	287.26	746,876
6.11	KSRB 4-6.2 : Providing and removing centering , shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD BCSR 2014-15, P-15, I-4.29)								
	SSM drain cover slab	1	380	3.0		1140	sqm	308.46	351,644
6.12	KSRB 4-6.9 : Providing and removing centering , shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (PWD BCSR 2014-15, P-16, I-4.36)								
	SSM drain cover slab	2	380	0.15		114			
	near Bus shelter SSM drain	3	90	0.15		40.5			
	RCC band					154.5	sqm	685.82	105,959

No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
6.13	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 (PWD BCSR 2014-15, P-6, I-2.10)								
	from APC layout to inlet-2	1	400	0.3	1.0	120.00			
	from waste weir to inlet-2	1	250	0.3	1.0	75.00			
						195.00	cum	116.6	22,737
6.14	Miscellaneous & rounding off								491
	Sub-Total Amount								13,084,170
	(Rupees One Crore Four Lakhs EightySeven Thousand only)								

Est. 7	Water supply for plantation										
SI No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)		
7.1	Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs. Including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata. By Manual means. In Hard soil (PRECB 2012-13. P-1 I-1.2)	1	2900	0.3	0.4	348	cum	188.0	65,424		
7.2	Providing and installing at site of work P.V.C. pipes of 6 kg./sqcm 63mm dia including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete. (PRECB 2012-13. P-15 I-3.4.2 a)	1	2900			2900	Mtr	112.0	324,800		
7.3	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation in layers of 15 cm thick including disposing of the surplus earth with a lead of 200 meters. (PRECB 2012-13. P-3 I-1.6)	1	2900			2900	Mtr	61.0	176,900		
7.4	Providing and fixing to pipe of PVC gate valves, T collars, L bows, Nipples, Saddles, reducers and end caps	1	2900			2900	LS		100,000		
7.5	Miscellaneous & rounding off								876		
							Sub-Total Amount		668,000		
(Rupees Six Lakhs SixtyEight Thousand only)											